FACULTY ON-CAMPUS GRANT RECIPIENTS

2013-2014

Congratulations to all Award Winners

Principal Investigator (PI): Dr. Alaeddin Abu-Abed
Co-Principal Investigator (Co-PI): Dr. Mohamed Bingabr & Dr. Evan Lemley
Title: Developing a Capacitive Based Bloor Shear Stress Sensor using Liquid Crystal
Regular Grant
College of Mathematics & Science

PI: Dr. Dwight Adams
Title: Duplex-specific nuclease (DSN) normalization: A method for the rehabilitation of low copy number DNA profiles
Regular Grant
Institute of Forensic Science

PI: Dr. Abdellah Ait Moussa
Co-PI: Dr. Baha Jassemnejad
Title: Geometry Optimization of Aerodynamic Add-On Devices
Regular Grant
College of Mathematics & Science

PI: Mr. Allen Arnold
Title: Personal Finance Distance Education Curriculum Development and Course Design
Distance Learning Research & Development Grant
College of Business Administration

PI: Dr. Troy Baird
Co-PI: Dr. Michelle Haynie
Title: Of Molecules and Behaviour: Parentage and Chemical Signalling in Collared Lizards
Regular Grant
College of Mathematics & Science

PI: Dr. Glee Bertram
Co-PI: Dr. Kaye Sears
Title: Intergenerational Studies: Developing College Students Raised by Grandparents
Community Matching Grant
College of Education & Professional Studies

PI: Dr. Mohamed Bingabr
Co-PI: Dr. Alaeddin Abu-Abed
Title: Speech Intelligibility of Temporal and Spectral Speech Coding Strategy for Cochlear Implants
Regular Grant
College of Mathematics & Science

PI: Dr. John Bowen
Co-PI: Dr. Robert Brennan & Dr. Mary Tappert
Title: Concept proof for the development of a trial microfluidic paper-based analytical device (u-PAD) for the detection of virus induced antibodies in blood
Interdisciplinary Grant
College of Mathematics & Science
PI: Dr. Robert Brennan  
Title: *Staphylococcus aureus Biofilm Secreted Products, Inflammation, and Chronic Wound Healing*  
Regular Grant  
College of Mathematics & Science

PI: Dr. Brandon Burr  
Co-PI: Dr. Glee Bertram  
Title: *Creativity and Connection in Relationships through Marriage Curricula*  
Scholarship of Teaching & Learning Course Redesign Grant  
College of Education & Professional Studies

PI: Dr. Chris Butler  
Title: *Assessing the efficacy of three ecological niche models in identifying the extent and dynamics of hybrid zones*  
Regular Grant  
College of Mathematics & Science

PI: Dr. Joselina Cheng  
Co-PI: Mr. Bucky Dodd  
Title: *A Government-University-Industry Model for Teaching and Learning with Simulation and Job Shadowing: The R&D of a CSI Summer Academy Bridge Program*  
Distance Learning Research & Development Grant  
College of Business Administration

PI: Dr. Lilian Chooback  
Title: *Site-Directed Mutants of Escherichia coli Dihydrodipicolinate Synthase: Exploring the Catalytic Triad*  
Regular Grant  
College of Mathematics & Science

PI: Dr. Susanne Currier  
Co-PI: Ms. Suzanne Clinton  
Title: *A New Approach to College Student Retention: Facts, Opinions and Actions*  
Regular Grant  
College of Business Administration

PI: Prof. Robert Glaubitz  
Co-PI: Prof. Barbara Caprilli, Prof. Michael Geib, & Prof. Christopher Domanski  
Title: *Performance and Recording of Chamber Operas*  
Regular Grant  
College of Fine Arts & Design

PI: Dr. John Hitz  
Title: *The Interaction of Language Transfer and Language Processing in Second Language Acquisition*  
Regular Grant  
College of Liberal Arts

PI: Dr. Regenia James  
Title: *Urban Schools and Metropolitan University: Partners in Teacher Education*  
Regular Grant  
College of Education & Professional Studies

PI: Dr. Yuhao Jiang  
Title: *Perception and Model Prediction in X-Ray and MR Images*  
Regular Grant  
College of Mathematics & Science

PI: Dr. Steven Karpowicz  
Co-PI: Dr. Gang Xu  
Title: *Genetic and Biomechanical Characterization of Algal Motility in Response to Physical Stimuli*  
Interdisciplinary Grant  
College of Mathematics & Science

PI: Dr. Morshed Khandaker  
Title: *Augmentation of implant/cement interfaces by nanofibers and nanoparticles*  
Regular Grant  
College of Mathematics & Science
PI: Dr. Hari Kotturi  
Co-PI: Dr. Naushad Ali  
Title: Resveratol Analogues against Hepatitis C  
Regular Grant  
College of Mathematics & Science

PI: Dr. Caleb Lack  
Title: Intelligence and Religiosity: Clearing the Muddy Waters  
Regular Grant  
College of Education & Professional Studies

PI: Dr. Marty Ludlum  
Title: Integrated Student Survey Research Project  
Regular Grant  
College of Business Administration

PI: Dr. Lalit Manral  
Title: SOTL Course Redesign Grant for MGMT4813 Strategic Management  
Scholarship of Teaching & Learning Course Redesign Grant  
College of Business Administration

PI: Dr. DiAnn McDown  
Co-PI: Dr. Keith Higa  
Title: TRIPS: Teaching Reading Intervention Proficiency Skills  
Scholarship of Teaching & Learning Course Redesign Grant  
College of Education & Professional Studies

PI: Dr. Neil Metz  
Title: Performance Under Pressure on the PGA TOUR  
Regular Grant  
College of Business Administration

PI: Dr. Tracy Morris  
Co-PI: Dr. Cynthia Murray  
Title: SCHOLAR: A Student Research Program Involving Service Learning  
Regular Grant  
College of Mathematics & Science

PI: Dr. Paul Olson  
Title: Role of Actinomycetes in the biological remediation of chlordane pesticide  
Mini Grant  
College of Mathematics & Science

PI: Dr. Manoshi Samaraweera  
Title: Should Salespeople Flatter Their Customers? - The Impact of Flattery on Sales Performance  
Regular Grant  
College of Business Administration

PI: Dr. Rashi Shukla  
Title: Understanding Methamphetamine  
Regular Grant  
College of Liberal Arts

PI: Dr. Thanh Tran  
Co-PI: Dr. Kanghyun Yoon  
Title: Not all the carrots are equal: Comparing the profitability of reward/loyalty programs  
Regular Grant  
College of Business Administration

PI: Dr. Brad Watkins  
Co-PI: Dr. Gloria Caddell  
Title: Landscape-Level Mapping of Eastern Redcedar Encroachment at the Selman Living Laboratory  
Regular Grant  
College of Liberal Arts
PI: Dr. Gang Xu
Title: Probing the Biomechanics of algal flagella for cilia-related Pulmonary Disease
Regular Grant
College of Mathematics & Science